



## SNR Bearing Argentina

12 mm x 24 mm x 6 mm SNR  
MLE71901HVUJ94S High precision angular  
contact ball bearings

Bearing No. MLE71901HVUJ94S

d	12 mm
D	24 mm
B	6 mm
d1	15.4 mm
d2	14.5 mm
D1	20.05 mm
D2	20.75 mm
a	7 mm
Contact angle	25 °
rs min	0.3 mm
r1s min	0.3 mm
f0	8.01
Precision class	P4S
Mass	0.01 kg
Dynamic load, C	1.41 kN
Static load, C0	0.62 kN
Fatigue limit load, Cu	0.07 kN
Nlim (grease)	75,000 rpm
Axial displacement K Factor	1.21
Preload level	9
Preload value	0.07 kN
Axial rigidity	51 N/ μ m
Radial rigidity	103 N/ μ m
Min operating temperature, Tmin	-20 ° C

MLE71901HVUJ94S Bearing 2D drawings and 3D CAD models



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Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.11 Hz
Characteristic outer ring frequency, BPF0	6.56 Hz
Characteristic inner ring frequency, BRFI	8.44 Hz
da min	14.5 mm
db min	14.5 mm
Da max	21.5 mm
Db max	21.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	16.3 mm